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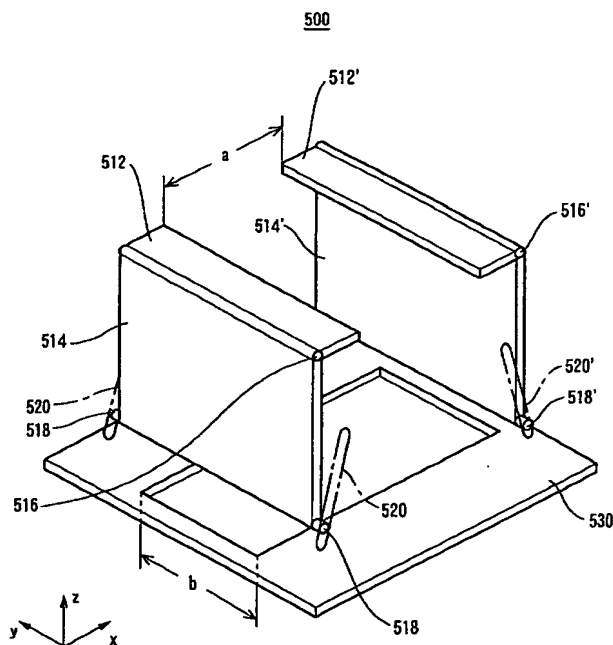
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(54) Title: COLLIMATOR, X-RAY IRRADIATOR, AND X-RAY APPARATUS



(57) Abstract: A collimator is to be provided which permits the reduction of size without using any special material and without sacrificing an aperture. To this end, the collimator comprises: a pair of first plate members each having X-ray absorptivity, movable in a direction parallel to a surface thereof, and defining an X-ray passing aperture by a spacing between respective mutually opposed end faces; and a pair of second plate members each having X-ray absorptivity, the second block members, in order to block other X-rays than the X-ray passing through the aperture, being connected at respective one ends by hinges to end portions of the pair of first plate members opposite to the mutually opposed end faces of the first plate members and being supported at respective opposite ends so as to be movable obliquely with respect to the moving direction of the first plate members with movement of the first plate members.



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